

# How to replace the lower arm of the front independent suspension on Ford Focus 2 DA

 VIDEO TUTORIAL

## Important!

This replacement procedure can be used for:
FORD FOCUS II (DA_, HCP, DP) 1.4, FORD FOCUS II Saloon (DB_, FCH, DH) 1.4, FORD FOCUS II Turnier (DA_, FFS, DS) 1.4

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The steps may slightly vary depending on the car design.

# REQUIRED TOOLS:




- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 15
- Drive socket # 18
- Combination spanner #22
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Ball joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

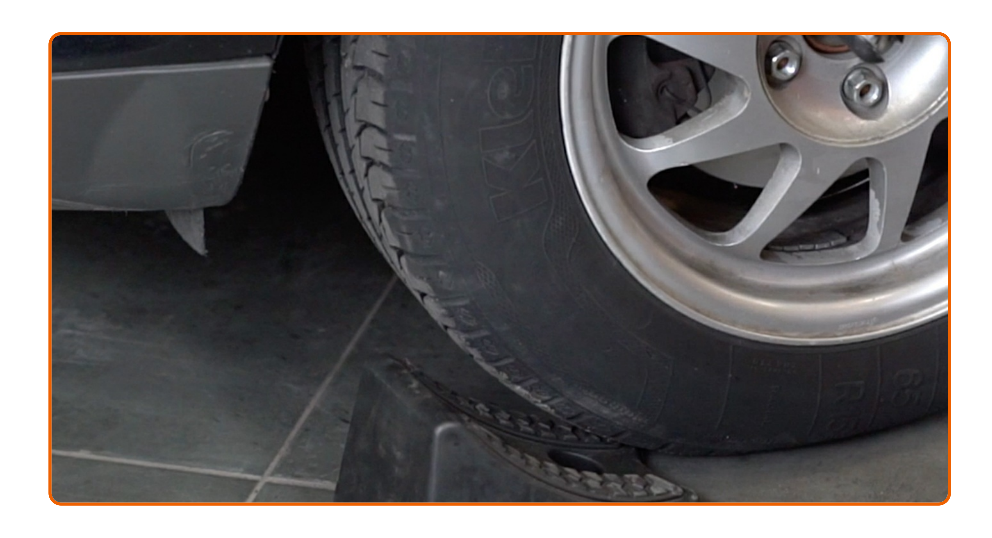


## AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- Replacement of the independent suspension lower arm in some cars requires a part of the outlet piping of the additional heater to be removed.
- All work should be done with the engine stopped.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.



2



Loosen the wheel mounting bolts. Use wheel impact socket #19.

3



Raise the front of the car and secure on supports.

**4**



Unscrew the wheel bolts.

## AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**5**




Remove the wheel.

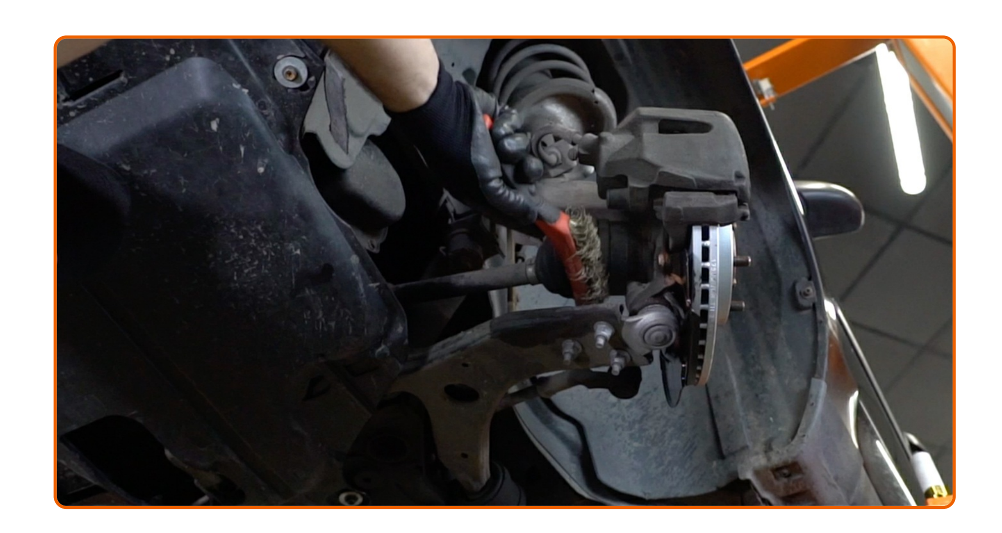
6

Remove the lower sound insulation.

## Please note!

- Some cars are not equipped with the lower sound insulation.

7



Clean all joints of the arm. Use a wire brush. Treat all joints of the arm. Use WD-40 spray.

## AUTODOC recommends:

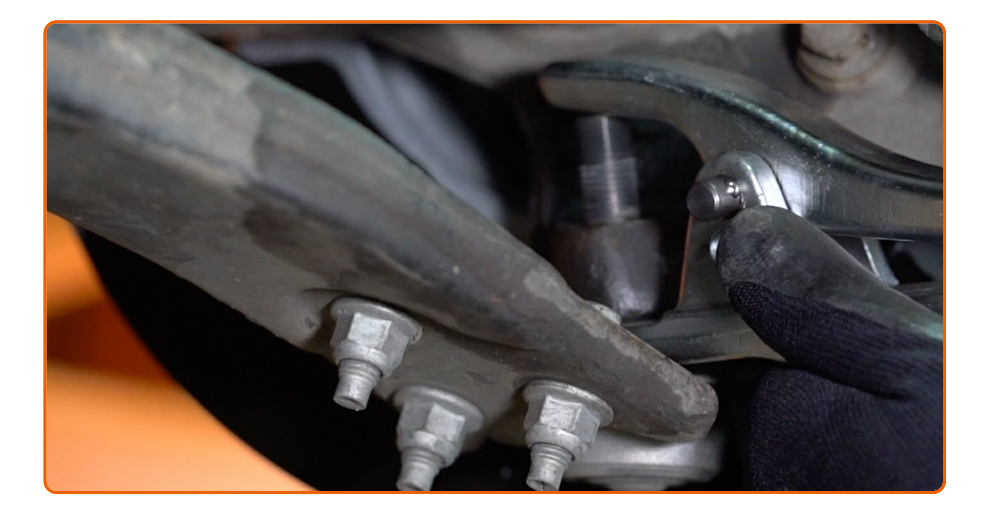
- After applying the spray, wait a few minutes.
- Wear protective goggles.

8



Unscrew the ball joint fastening nut. Use a combination spanner #22.

9



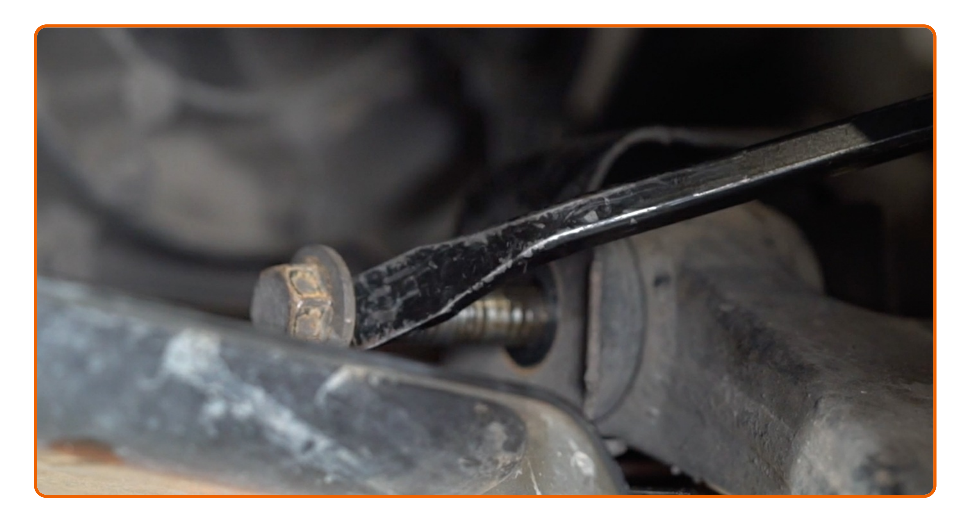
Unscrew the fastening nut, remove the control arm from the steering knuckle, using a ball joint puller.

10



Unscrew the front arm fastener. Use a drive socket #18. Use a ratchet wrench.

11



Remove the front fastener of the control arm. Use a crowbar. Use a hammer.

12



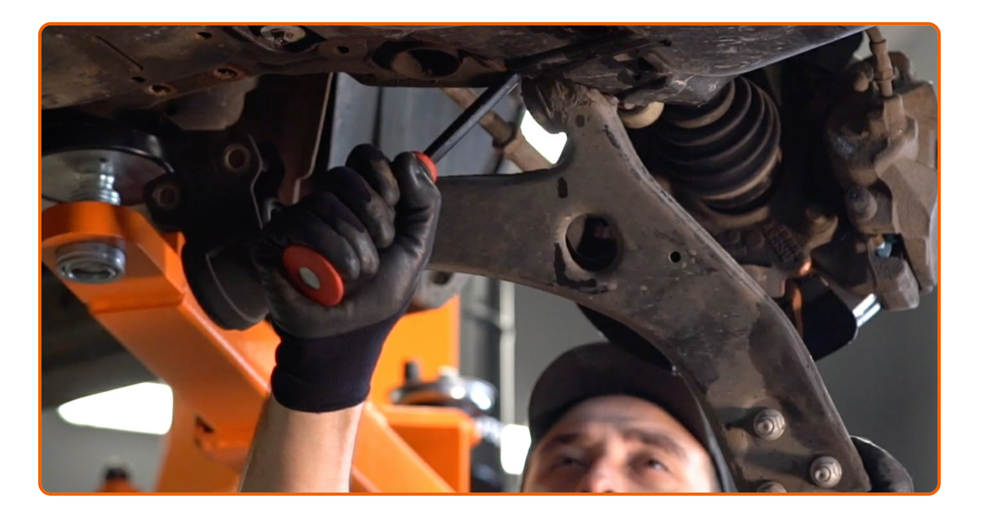
Unscrew the rear arm fastener. Use a drive socket #15. Use a ratchet wrench.

13



Remove the rear fastener of the control arm.

14



Remove the arm. Use a crowbar.

15



Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

16



Install a new arm.

## AUTODOC recommends:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

17



Install the front fastener of the arm. Do not tighten it.



18



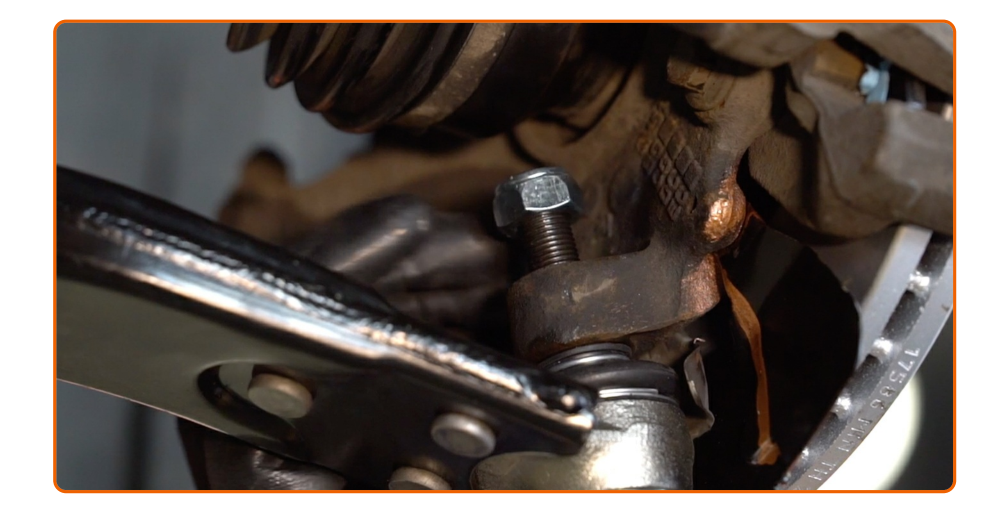
Connect the ball joint to the steering knuckle

19



Support the arm. Use a hydraulic transmission jack.

20



Install the fastening nut of the ball joint.

21

Install the rear fastener of the arm.

22



Screw the rear arm fastener. Use a drive socket #15. Use a ratchet wrench.

23



Screw the front arm fastener. Use a drive socket #18. Use a torque wrench. Tighten it to 115 nm torque.

24



Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 120 nm torque.

25



Tighten the ball joint fastening nut. Use a combination spanner #22. Use a torque wrench. Tighten it to 60 nm torque.

26



Remove the support from under the arm.

## AUTODOC recommends:

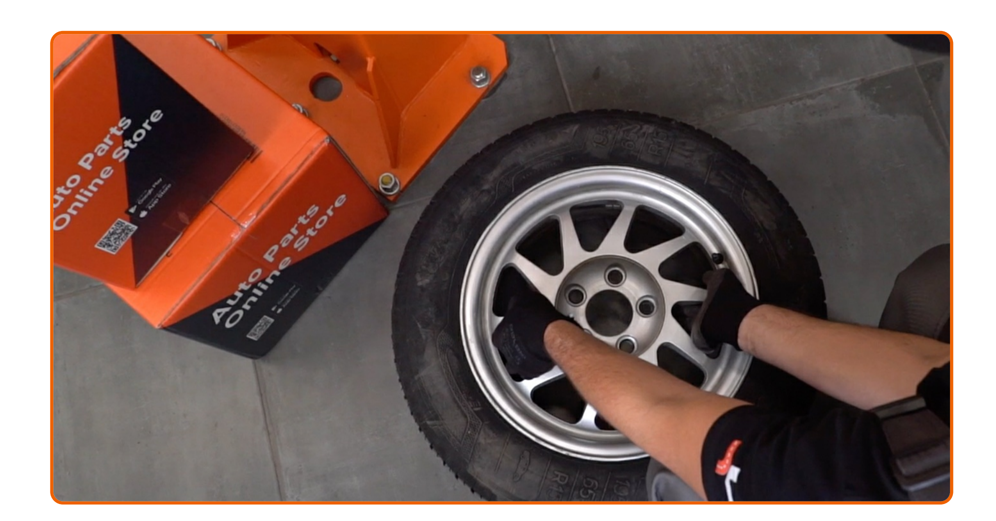
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

27



Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

28




Install the wheel.

## AUTODOC recommends:

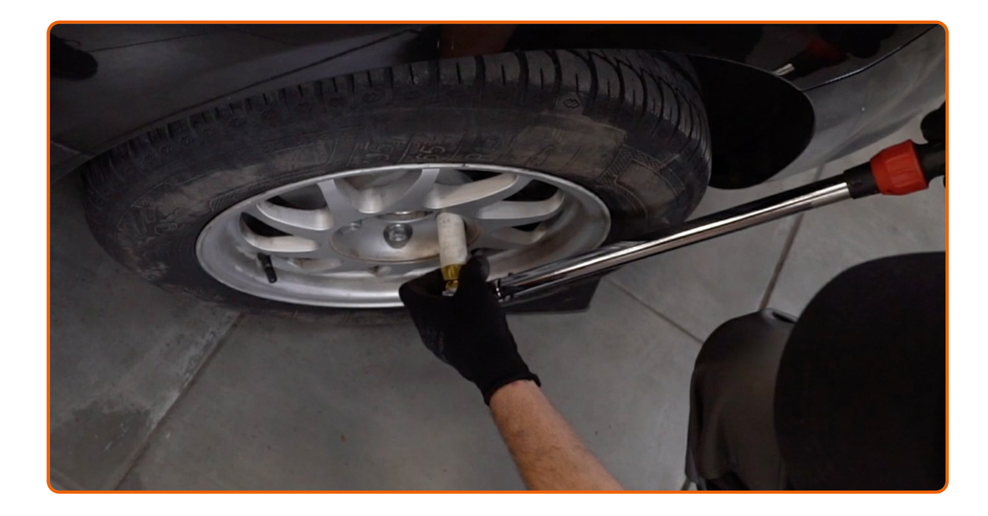
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

29



Screw in the wheel bolts. Use wheel impact socket #19.

30



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.

31



Remove the jacks and chocks.

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NO



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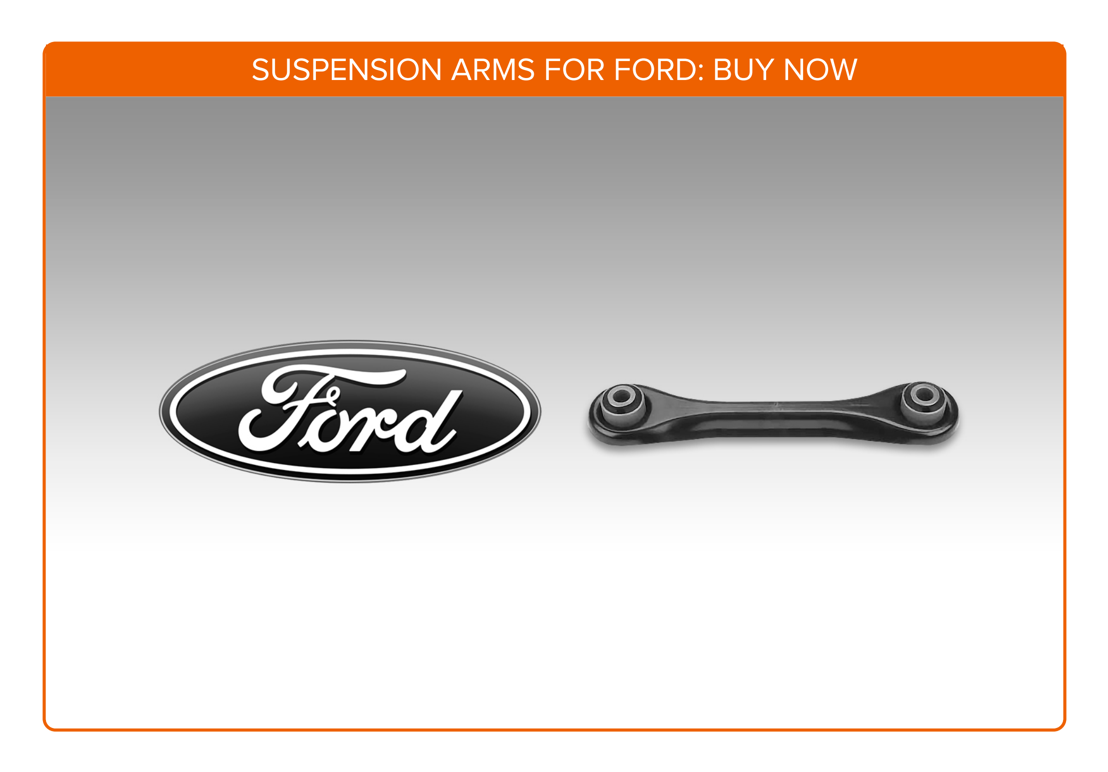


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